



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Michael A. REEVE

Serial No. 07/855,036

Filed May 1, 1992

METHOD TO ISOLATE MACROMOLECULES:
USING MAGNETICALLY ATTRACTABLE
BEADS WHICH DO NOT SPECIFICALLY :
BIND THE MACROMOLECULES

: THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

: Group Art Unit 1815

: Examiner T. Reardon

D. Williams
11/15/93
18C1

RESPONSE

Honorable Commissioner of Patents and Trademarks,
Washington, D.C. 20231

NOV 18 1993

Sir:

In response to the Official Action of July 20, 1993,
please amend the present application as follows:

IN THE SPECIFICATION

Rewrite the title as --PRECIPITATING POLYMERS--.

IN THE CLAIMS

Claims 1, 2, 4 to 8, 11 and 12, cancel without
prejudice to the subject matter thereof.

Please add the following new claims:

--13. A Method of making a nucleic-acid-containing
liquid by treating a solution by the use of suspended
magnetically attractable beads which do not specifically bind the
nucleic acid, comprising the steps of:

precipitating the nucleic acid ~~out of solution in~~
the presence of the suspended magnetically attractable beads
whereby the nucleic acid precipitate becomes non-specifically
associated with the beads,

applying a magnetic field to draw down a
precipitate of the nucleic acid and associated beads,
separating the precipitate from the supernatant
liquid,